

100-1492

1/14/2013

1/14



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Eduardo Moreira
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419

JAN 14 2013

Subject: Notification to revise label removing "by weight" and adding an optional metal content statement
E2Y45 0.067G Insecticide Plus Fertilizer
EPA Registration # 100-1492
Submission Date: November 21, 2013


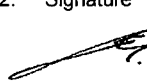
Dear Eduardo Moreira :

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 received November 21, 2013. The Registration Division (RD) has reviewed these requests and finds that this action falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records. If you have any questions, please contact Jessica Rogala at (703) 347-0263 or via email at rogala.jessica@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "J. Rogala".

Jessica Rogala
Environmental Protection Specialist
Insecticide-Rodenticide Branch
Registration Division (7505P)

 United States Environmental Protection Agency Washington, DC 20460		<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number NOTIFICATION	
Application for Pesticide - Section I				
1. Company/Product Number 100-1492		2. EPA Product Manager Venus Eagle		
4. Company/Product (Name) E2Y45 0.067G Insecticide Plus Fertilizer		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted		
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, LLC P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____		
Section - II				
<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input checked="" type="checkbox"/> Notification - Explain below. <input type="checkbox"/> Other - Explain below.				
Explanation: Use additional page(s) if necessary. (For Section I and Section II.). Syngenta Crop Protection, LLC submits a Notification revising the labeling for E2Y45 0.067G Insecticide Plus Fertilizer (EPA Reg. No. 100-1492) to correct typos replacing DuPont with Syngenta, Inc. for LLC, removal of "Professional Products" and "By weight" and adding optional fertilizer metal text. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.				
Section - III				
1. Material This Product Will Be Packaged In:				
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
*Certification must be submitted		If "Yes" No. per If "Yes" No. per Unit Packaging wgt. Container Unit Packaging wgt. container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		
		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Other <u>Pressure Sensitive</u> <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		
Section - IV				
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)				
Name Eduardo Moreira		Title Sr. Regulatory Product Manager		
		Telephone No. (Include Area Code) (336) 632-6619		
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)	
2. Signature 		3. Title Sr. Regulatory Product Manager		
4. Typed Name Eduardo Moreira		5. Date November 13, 2013		



Eduardo Moreira
Sr. Regulatory Product Manager
Syngenta Regulatory Affairs
(336) 632-6619 (phone)
(336) 632-5688 (fax)
eduardo.moreira@syngenta.com

3/14
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419-8300
www.syngenta.com

FedEx

November 13, 2013

Document Processing Desk (E-SUB) (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

**Attention: Ms. Venus Eagle, PM Team 1, Insecticide-Rodenticide Branch
Registration Division**

**SUBJECT: E2Y45 0.067G INSECTICIDE PLUS FERTILIZER (EPA REG. NO. 100-1492)
LABEL NOTIFICATION CORRECTING TYPOS AND ADDING FERTILIZER
OPTIONAL METAL TEXT**

Dear Ms. Eagle:

Syngenta Crop Protection, LLC respectfully submits a Notification revising the labeling for E2Y45 0.067G Insecticide plus fertilizer (EPA Reg. No. 100-1492) to correct typos replacing DuPont with Syngenta, Inc. to LLC, removal of "Professional Products" and "By weight" and adding optional fertilizer metal text. Enclosed label with all the changes highlighted is provided for your review.

Enclosed please find the following documents being submitted as an electronic submission:

- EPA Form 8570-1: Application for Pesticide Registration.
- PDF of proposed label with one (1) highlighted label.

Fees for Services

We believe that this submission qualifies as a Notification per PR Notice 98-10. Therefore, a PRIA fee is not required per the Pesticide Registration Improvement Renewal Act.

If there are any questions concerning matters contained in this submission, please do not hesitate to contact myself at either 336-632-6619 or by email at eduardo.moreira@syngenta.com. Also, you may contact my regulatory assistant Pat Eay at 336-632-6746 or by email at pat.eay@syngenta.com.

Sincerely,

Eduardo Moreira
Sr. Regulatory Product Manager
Syngenta Crop Protection, LLC

Enclosures

4/14

Not for Sale, Sale Into, Distribution and/or Use in Nassau, Suffolk, Kings, Queens Counties of New York State.

GROUP	28	INSECTICIDE
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E2Y45 0.067G Insecticide Plus Fertilizer

INTENDED FOR USE BY COMMERCIAL APPLICATORS ONLY.

For systemic control of white grubs and other listed pests infesting landscape and recreational turfgrass (including golf courses) as well as landscape ornamentals, interior plantscapes and sod farms.

Active Ingredient:	By Weight
Chlorantraniliprole*	
3-Bromo-N-[4-chloro-2-methyl-6- [(methylamino)carbonyl]phenyl]-	
1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide	0.067%
Other Ingredients:	99.933%
Total:	100.000%

*Chlorantraniliprole belongs to the anthranilic diamide chemical class.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

EPA Reg. No. 100-1492
[EPA Est. No.placeholder]

NOTIFICATION

Nonrefillable Container
NET CONTENTS: _____

JAN 14 2014

[X-X-X fertilizer analysis placeholder]

Guaranteed Analysis

[Guaranteed analyses using standard formats used for fertilizers inserted]

[Following are optional referral statements for Florida BMP information sources]

[In the state of Florida, it is recommended that the user of this product follow the Green Industries and Golf Course Best Management Practices Found at:

http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/BMP_Book_final.pdf

<http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf>

[Optional metal content statement]

[If this product is being sold in a state requiring the publication of information regarding its metal content, information regarding the contents and levels of metals in this product is available at the following website: <http://aapfco.org/metals.htm> or by calling 1-877-220-1014.]

5/19

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOTLINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal), or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

After the product has been loaded into properly calibrated application equipment, shirt, pants, socks, and shoes are sufficient Personal Protective Equipment. Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

User Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside.
- Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to use sites.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas

6/14

A collection of 15 small, stylized line drawings of various bird species, arranged in a grid-like fashion. The birds include shorebirds, waterfowl, and songbirds, each depicted in a simple, artistic style.

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NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides, 40 CFR part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Professional applications to golf courses, residential, industrial and commercial lawns and sports fields are not within the scope of the Worker Protection Standard.

Do not allow other workers to enter the treated area while application is in progress. Do not apply this product in commercial nurseries and greenhouses.

PRODUCT INFORMATION

E2Y45 0.067G insecticide Plus Fertilizer may be applied for the control of white grubs and other listed pests infesting landscape and recreational turfgrass (including golf courses) as well as landscape ornamentals and interior plantscapes.

E2Y45 0.067G insecticide Plus Fertilizer may be used on plants or turfgrasses that are being grown for aesthetic or recreational purposes or climatic modification in or around home lawns, commercial lawns, industrial facilities, residential dwellings, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, airports, cemeteries, interior plantscapes, ornamental gardens, parks, wildlife plantings, playgrounds, schools, day-care facilities, golf courses (tee box areas, roughs, fairways, greens, collars etc.), athletic fields, sod farms and other landscaped areas.

Do not apply E2Y45 0.067G insecticide Plus Fertilizer when the soil is saturated with water because adequate distribution of the active ingredient vertically in the soil profile cannot be achieved under this condition.

E2Y45 0.067G insecticide Plus Fertilizer is in GROUP 28 of the EPA's Insecticide and Acaricide Groups Based on Target Site of Action (EPA PR Notice 2001-5) and may be used in rotational resistance management programs.

Consult your local Syngenta Professional Products representative, Cooperative Extension Service specialist or pest control advisor for regionally specific information regarding application timing.

APPLICATION EQUIPMENT

Apply E2Y45 0.067G insecticide Plus Fertilizer with drop-type, rotary-type or hand-held application equipment. The application equipment must be properly calibrated according to the manufacturer's directions to ensure uniform coverage over the treated area. During application, check equipment periodically to confirm that it is working properly and that the granules are being uniformly distributed.

9/14

APPLICATION TIMING

White Grubs: Apply E2Y45 0.067G insecticide Plus Fertilizer from early April to early September for preventative and early curative control all of the major white grub species infesting turfgrass. The need for an application may be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. The higher rate listed for white grub control in Table 1 may be required [for early season (April and May) applications where a long residual is required or] in late August or early September when less sensitive mid-instar grubs are present at the time of application. Irrigate turf immediately after application or allow rainfall to move the product into the soil.

Annual Bluegrass Weevil: Apply E2Y45 0.067G insecticide Plus Fertilizer when overwintered adult annual bluegrass weevils are observed in late April or early May to prevent damage from first generation larvae in late-May and June. An application of E2Y45 0.067G insecticide Plus Fertilizer at this time will also provide white grub control. The higher rates listed in Table 1 may be required for applications made after mid-May.

Billbugs: Apply E2Y45 0.067G insecticide Plus Fertilizer when overwintered adult billbugs are first observed. This will usually occur in late April or early May in regions with cool-season turfgrasses. An application of E2Y45 0.067G insecticide Plus Fertilizer at this time will also provide white grub control. The higher rates listed in Table 1 may be required for applications made after early May or when billbug species other than bluegrass billbug are present.

European Crane Fly: Apply E2Y45 0.067G insecticide Plus Fertilizer between September and November to control European crane fly larvae in turfgrass. The higher rate listed in Table 1 may be required to achieve control when applications are made in November.

Spittlebugs: E2Y45 0.067G insecticide Plus Fertilizer will provide control of two-lined spittlebug when applications are made in spring or summer.

Turf Caterpillars: E2Y45 0.067G insecticide Plus Fertilizer will provide curative caterpillar control in turfgrass. If the area being treated is maintained at a mowing height of greater than one inch, then the higher rate listed in Table 1 may be required during periods of high pest pressure.

Chinch Bugs: For suppression of chinch bugs, apply E2Y45 0.067G insecticide Plus Fertilizer before eggs hatch.

APPLICATION RATES FOR LAWNS, GOLF COURSES AND OTHER RECREATIONAL TURFGRASS AREAS

Table 1 provides the application rates that will control the listed turfgrass pests. For maximum residual effectiveness or for optimal control of large pest infestations, apply E2Y45 0.067G insecticide Plus Fertilizer at up to 500 pounds per acre (0.33 lb AI/A) to control any of the pests listed in Table 1. Restriction: Do not apply more than 750 pounds (equivalent to 0.5 lb of active ingredient) of product per acre per year in broadcast applications to turfgrass.

10/1/17

TABLE 1: TURFGRASS APPLICATION RATES

Target Pest	Product per Acre	Product per 1,000 Square Feet	lb AI/A
White Grubs (including Aphodius spp., Asiatic garden beetle, black turfgrass ataenius, European chafer, green June beetle, Japanese beetle, May/June beetles (Phyllophaga spp.), northern masked chafer, oriental beetle and southern masked chafer)	150 to 300 pounds*	3.44 to 6.88 pounds	0.1 to 0.2
Billbugs			
European Crane Fly			
Turf caterpillars (including armyworms, cutworms and sod webworms)			
Annual bluegrass weevil	225 to 300 pounds*	5.17 to 6.88 pounds	0.15 to 0.2
Spittlebugs			
Chinch bugs (suppression only)	150 to 300 pounds*	3.44 to 6.88 pounds	0.1 to 0.2

*For maximum residual effectiveness or optimal control of large pest infestations, apply E2Y45 0.067G insecticide Plus Fertilizer at up to 500 pounds per acre (0.33 lb AI/A).

APPLICATION RATES FOR ORNAMENTAL PLANTS

Table 2 provides the application rates that will control the pests of landscape ornamentals and interior plantscapes. Before application, remove black plastic or other weed barrier materials that are impermeable to water. For maximum residual effectiveness or for optimal control of large pest infestations, E2Y45 0.067G insecticide Plus Fertilizer may be applied at up to 500 pounds per acre (0.33 lb AI/A) to control any of the pests listed in Table 2.

Restriction: Do not apply more than 750 pounds (equivalent to 0.5 lb of active ingredient) of product per acre per year in broadcast applications to ornamental plants.

TABLE 2: ORNAMENTAL TREE AND SHRUB (INCLUDING EVERGREENS), FLOWER, FOLIAGE PLANT, AND GROUNDCOVER APPLICATION RATES

Target Pest	Product per Acre	Product per 1,000 Square Feet	lb AI/A
White Grubs (Asiatic garden beetle, European chafer, green June beetle, Japanese beetle, May/June beetles (Phyllophaga spp.), northern masked chafer, oriental beetle and southern masked chafer)	150 to 300 pounds*	3.44 to 6.88 pounds	0.1 to 0.2

11/14

*For maximum residual effectiveness or optimal control of large pest infestations, apply E2Y45 0.067G insecticide Plus Fertilizer at up to 500 pounds per acre (0.33 lb AI/A).

[Spreader Setting Table to be inserted here]

[Following are optional referral statements for Florida BMP information sources]

[We recommend that you follow the Florida Green Industries BMPs at:

http://www.flaes.org/pdf/BMP_Book_final.pdf]

[We recommend that you follow the Florida Golf Course

BMPs at: <http://www.flaes.org/pdf/glbmp07.pdf>]

[Optional metal content statement]

[If this product is being sold in a state requiring the publication of information regarding its metal content, information regarding the contents and levels of metals in this product is available at the following website: <http://aapfco.org/metals.htm>, or by calling 1-877-220-1014.]

CLEANING APPLICATION EQUIPMENT

Thoroughly clean all application equipment after use to reduce the risk of forming hardened deposits that might become difficult to remove. Thoroughly rinse application equipment with clean water. Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. Do not clean equipment near wells, or other water sources. Dispose of waste rinse water in accordance with local regulations.

INTEGRATED PEST MANAGEMENT (IPM) PROGRAMS

E2Y45 0.067G insecticide Plus Fertilizer is recommended for IPM programs on turf and landscape ornamentals because it does not directly impact natural arthropod predator and parasitoid populations including ladybird beetles, lacewings, minute pirate bugs and predatory mites. The feeding behavior of beneficial arthropods will aid in extending natural control of other insect and mite pests and will reduce the possibility of secondary pest outbreaks. E2Y45 0.067G insecticide Plus Fertilizer will reduce the target pest species that may serve as a food source for beneficial arthropods.

RESISTANCE MANAGEMENT

Some insects are known to develop resistance to products used repeatedly for control. When this occurs, the labeled dosages fail to suppress the pest population below threshold levels. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area.

These strategies may include incorporation of cultural and biological control practices, alternation of active classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local Syngenta Professional Products representative, Cooperative Extension Service specialist or pest control advisor for the latest information on resistance management in your area.

RESTRICTIONS

- Not for use on plants (except turfgrass on sod farms) being grown for sale or other

12/14

- commercial use, or for commercial seed production.
- Do not formulate this product into other end-use products without written permission from ~~DuPont Professional Products~~ Syngenta.
 - Do not apply this product in commercial nurseries and greenhouses.
 - Do not apply more than 750 pounds (equivalent to 0.5 lb of active ingredient) of product per acre per year in broadcast applications to turfgrass or landscape ornamental plants.
 - Do not apply more than 300 pounds (equivalent to 0.2 lb of active ingredient) of product per acre in a single application on sod farms.
 - Wait a minimum of 7 days to retreat.
 - Do not apply by air.
- The following restrictions are required to permit use of E2Y45 0.067G Insecticide plus Fertilizer in the State of New York:

Golf courses:

Greens, tee boxes: Do not apply this product within 25 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

Fairways: Do not apply this product within 50 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

All other use sites:

Do not apply this product within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for use or storage in or around the home.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

19/19

For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481

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